

WHAT IS CLAIMED IS:

1. A wedge-type breechblock for a weapon having a barrel that recoils relative to a cradle, the barrel having a bore with an axis, and a breech plate, the breechblock comprising:

a closing wedge for arranging in the breech plate such that the closing wedge can be displaced transverse to the axis of the bore;

at least one control lever;

a pin-type carrier attached to the control lever;

a breech mechanism shaft that activates the closing wedge, the breech mechanism shaft being connected on a side that faces the cradle to the control lever;

at least one guiding device for guiding the pin-type carrier is provided on the cradle on a side of the cradle that faces the barrel;

an ascending curved track located on the guiding device, along which the pin-type carrier is guided during a counter-recoil motion of the barrel from an intake region to a highest point, so that the control lever is pivoted during the counter-recoil motion of the barrel, and the breech mechanism shaft is turned to move the closing wedge to an opened position; and

a straight guide track located on the guiding device, positioned lower than the highest point of the curved track, and which transitions to the intake region of the ascending curved track,

wherein at least the curved track of the guiding device that follows the intake region is designed to function as a diverter for the carrier during the counter-recoil motion of the barrel.

2. The wedge-type breechblock according to claim 1, further comprising:

a first part of the guiding device which directly adjoins the intake region and is designed to pivot; and

a spring that exerts pressure on the first part of the guiding device around a pivoting axis that is perpendicular to a longitudinal axis of the pin-type carrier,

wherein the curved track has at least two adjoining sections, a first section of the curved track being arranged on the first part of the guiding device, and

during the recoil motion of the barrel, the pin-type carrier pivots the first part away from the barrel and thus reaches the intake region.

3. The wedge-type breechblock according to claim 2, wherein the length of the first section of the curved track is at least 60% of the total length of the curved track.

4. The wedge-type breechblock according to claim 1, wherein the curved track follows an approximately sine-shaped, ascending course.

5. The wedge-type breechblock according to claim 1, wherein the curved track is a hardened material.

6. The wedge-type breechblock according to claim 2, wherein the guiding device further comprises

a second part that defines a second section of the curved track; and

a base plate to which the second part is fixedly connected, and to which the first part that supports the first section of the curved track is attached such that it can pivot.

7. The wedge-type breechblock according to claim 6, wherein the base plate as well as the first and second parts of the guiding device are made from cast iron.

8. The wedge-type breechblock according to claim 6, wherein the base plate as well as the first and second parts of the guiding device are made from NiCr18 high quality steel.

9. The wedge-type breechblock according to claim 1, wherein the pin-type carrier is guided inside a groove during the counter-recoil motion of the barrel, and a lower side wall of the groove is formed by the curved track.